What is claimed is:

- 1. A protein defined in the following (A) or (B):
- (A) a protein which has the amino acid sequence ofSEQ ID NO: 8 shown in Sequence Listing;
- 5 (B) a protein which has the amino acid sequence of SEQ ID NO: 8 shown in Sequence Listing including substitution, deletion, insertion, addition or inversion of one or several amino acids, and constitutes an ABC transporter.
- 2. A DNA which codes for a protein defined in the following (A) or (B):
 - (A) a protein which has the amino acid sequence of SEQ ID NO: 8 shown in Sequence Listing;
- (B) a protein which has the amino acid sequence of SEQ ID NO: 8 shown in Sequence Listing including substitution, deletion, insertion, addition or inversion of one or several amino acids, and constitutes an ABC transporter.
- 3. The DNA according to Claim 2, which is a DNA defined in the following (a) or (b):
 - (a) a DNA which comprises the nucleotide sequence of nucleotide numbers 1 to 1101 of SEQ ID NO: 7 shown in Sequence Listing;
- (b) a DNA which is hybridizable with the
 25 nucleotide sequence of nucleotide numbers 1 to 1101 of
 SEQ ID NO: 7 or a probe prepared from the nucleotide
 sequence under a stringent condition, and codes for a

protein constituting an ABC transporter.

stringent condition is a condition in which washing is performed at 60°C and a salt concentration corresponding to 1 x SSC and 0.1 % SDS.

- 5. A protein defined in the following (C) or (D):
- (C) a protein which has the amino acid sequence of SEQ ID NO: 9 shown in Sequence Listing;
- (D) a protein which has the amino acid sequence of SEQ ID NO: 9 shown in Sequence Listing including substitution, deletion, insertion, addition or inversion of one or several amino acids, and has ATPase activity of ABC transporter.
- 6. A DNA coding for a protein defined in the 15 following (C) or (D):
 - (C) a protein which has the amino acid sequence of SEQ ID NO: 9 shown in Sequence Listing;
 - (D) a protein which has the amino acid sequence of SEQ ID NO: 9 shown in Sequence Listing including
- substitution, deletion, insertion, addition or inversion of one or several amino acids, and has ATPase activity of ABC transporter.
 - 7. The DNA according to Claim 6, which is a DNA defined in the following (c) or (d):
- 25 (c) a DNA which comprises the nucleotide sequence of nucleotide numbers 1117 to 1725 of SEQ ID NO: 7 shown in Sequence Listing;

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(d) a DNA which is hybridizable with the nucleotide sequence of nucleotide numbers 1117 to 1725 of SEQ ID NO: 7 or a probe prepared from the nucleotide sequence under a stringent condition, and codes for a protein having ATPase activity of ABC transporter.

The DNA according to Claim 7, wherein the stringent condition is a condition in which washing is performed at 60°C and a salt concentration corresponding to 1 x SSC and 0.1% SDS.

- 9. A protein defined in the following (E) or (F):
 - (E) a protein which has the amino acid sequence of SEQ ID NO: 10 shown in Sequence Listing;
- (F) a protein which has the amino acid sequence of SEQ ID NO: 10 shown in Sequence Listing including 15 substitution, deletion, insertion, addition or inversion of one or several amino acids, and constitutes an ABC transporter.
 - 10. A DNA coding for a protein defined in the following (E) or (F):
- 20 (E) a protein which has the amino acid sequence of SEQ ID NO: 10 shown in Sequence Listing;
 - (F) a protein which has the amino acid sequence of SEQ ID NO: 10 shown in Sequence Listing including substitution, deletion, insertion, addition or inversion of one or several amino acids, and constitutes an ABC transporter.
 - 11. The DNA according to Claim 10, which is a DNA

defined in the following (e) or (f):

- (e) a DNA which comprises the nucleotide sequence of nucleotide numbers 1759 to 2367 of SEQ ID NO: 7 shown in Sequence Listing;
- f) a DNA which is hybridizable with the nucleotide sequence of nucleotide numbers 1759 to 2367 of SEQ ID NO: 7 or a probe prepared from the nucleotide sequence under a stringent condition, and codes for a protein constituting an ABC transporter.
- 10 Supple 12. The DNA according to Claim 11, wherein the stringent condition is a condition in which washing is performed at 60°C and at a salt concentration corresponding to 1 x SSC and 0.1% SDS.
- 13. A DNA which comprises a nucleotide sequence

 15 coding for a protein having the amino acid sequence of

 SEQ ID NO: 8, a nucleotide sequence coding for a protein

 having the amino acid sequence of SEQ ID NO: 9 and a

 nucleotide sequence coding for a protein having the

 amino acid sequence of SEQ ID NO: 10.
- 20 14. The DNA according to Claim 13, which has the nucleotide sequence shown as SEQ ID NO: 7.